

BALLISTIC-RESISTANT LAMINATE ASSEMBLIES AND PANELS

ABSTRACT

A sheet of ballistic-resistant fiber strands includes a bi-directional array of bonding fibers interwoven with the ballistic-resistant fibers to form a fiber panel. In one embodiment, a sheet of laminated ballistic-resistant fibers is joined to the first sheet of laminated ballistic-resistant fibers with the ballistic-resistant fibers running in a second direction as compared to the first fibers. In yet another embodiment, individual laminated sheets of ballistic-resistant fibers are stitched together to form packets of sheets that may be used singularly or bundled together.